

# Iowa Crops & Weather

USDA – National Agricultural Statistical Service  
Iowa Field Office



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For the week ending July 24, 2005

## Spotty Rains Fall Short of Crop Needs

Some areas received enough rain last week to improve crop conditions, while others did not receive much, if any, causing crop deterioration in other areas. Cooler temperatures and precipitation are still needed in all areas. Spraying for insects in soybeans was reported to be light in areas where Bean Leaf Beetles and Aphids were present. Corn Rootworm pressure also was noted this week.

There were 5.1 **days suitable for fieldwork**, compared to 6.8 days the previous week and 5.0 days last year at this time. Even though not all areas of the State received enough rain during the week, soil moisture levels improved from last week. **Topsoil moisture** rated 19 percent very short, 26 percent short, 54 percent adequate, and 1 percent surplus across Iowa. **Subsoil moisture** rated 15 percent very short, 31 percent short, 53 percent adequate, and 1 percent surplus.

Field Crops Report: **Corn condition** was rated 2 percent very poor, 8 percent poor, 23 percent fair, 46 percent good, and 21 percent excellent. **Corn tasseled** reached 94 percent, up 33 percentage points from a week ago and ahead of last year's 84 percent and the average of 80 percent. **Corn silked** was rated at 80 percent complete, slightly ahead of last year's progress of 68 percent and the 5-year average of 64 percent. **Corn in the dough stage** was at 16 percent, well ahead of last year's 3 percent and the average of 2 percent. **Soybean acreage blooming** reached 89 percent, remaining ahead of last year and the 5-year average. **Soybeans setting pods** was at 49 percent, ahead of last year's 40 percent and the average of 34 percent. **Soybean condition** was rated 2 percent very poor, 8 percent poor, 23 percent fair, 49 percent good, and 18 percent excellent. **Oats harvested for grain** reached 71 percent, well of last year and the 5-year average. The **second cutting of alfalfa** was 94 percent complete. **Hay condition** was 5 percent very poor, 17 percent poor, 33 percent fair, 41 percent good, and 4 percent excellent.

Livestock, Pasture, and Range Report: The heat and humidity were

causing some stress in both cattle and hogs. Some operators were feeding hay due to poor pasture conditions in some areas. **Pasture and range condition** was rated 17 percent very poor, 30 percent poor, 29 percent fair, 21 percent good, and 3 percent excellent. This is a continued deterioration from levels seen the previous week.

## Iowa Weather Summary

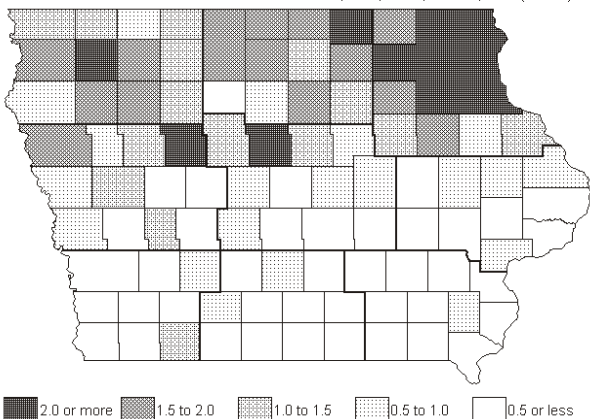
The past work week began with seasonal temperatures on Monday (18th) and Tuesday (19th) with well above normal temperatures for the remainder of the week. Highest temperatures were recorded over the weekend. Iowa's first official 100 degree readings since August 2003 were recorded at a few locations in southeast and extreme western Iowa on Saturday (23rd) with Keosauqua the hot spot at 103 degrees. The excessive heat was a little more widespread in south central and southeast Iowa on Sunday (24th) with Keosauqua again the hot spot at 104 degrees. This was Keosauqua's highest temperature since July 29, 1999 and the highest anywhere in Iowa since August 25, 2003. On the other extreme Cresco reported a Tuesday (19th) morning low of 53 degrees. Temperatures for the week as a whole averaged 5.5 degrees above normal.

Thunderstorms dampened much of the northwest three-fourths of the state on Wednesday (20th) morning with nearly statewide coverage again on Thursday (21st) morning. The extreme northeast corner of the state received some locally heavy rain on Saturday (23rd) morning. Thunderstorms, some with severe winds, developed across the northern Iowa Sunday (24th) afternoon and continued into Monday (25th) morning. Rainfall totals for the week were extremely variable. Some of the already very dry southeast Iowa locations such as Centerville and Keokuk received no rain during the week. Meanwhile, locally heavy rains pounded portions of extreme northeast Iowa on the 21st, 23rd and 25th with Dorchester reporting 6.04 inches and Bluffton 6.69 inches for the week. The statewide average precipitation was 0.93 inches or just 0.01 inch less than normal for the week.

Statewide Crop Conditions as of July 24, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	8	23	46	21
Hay, all	5	17	33	41	4
Oats	0	4	23	60	13
Range & Pasture	17	30	29	21	3
Soybeans	2	8	23	49	18

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., JUL. 25, 2005 (inches)



Field Work and Crop Progress as of July 24, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>				
Corn tasseled	97	93	85	94	93	96	98	90	96	94	61	84	80
Corn silked	80	80	54	91	79	84	93	68	83	80	37	68	64
Corn in or past dough stage	10	5	7	10	24	22	26	47	20	16	1	3	2
Soybeans blooming	93	90	91	92	81	89	86	99	77	89	74	84	80
Soybeans setting pods	35	32	43	58	60	50	70	62	42	49	19	40	34
Oats harvested for grain	63	35	62	67	86	79	79	87	81	71	36	32	45
Hay, alfalfa - second crop harvested	94	95	95	89	94	93	90	97	96	94	80	76	77

Days Suitable & Soil Moisture Condition as of July 24, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>			
Days suitable	5.1	4.1	4.3	4.7	5.0	5.9	6.1	6.0	6.8	5.1	6.8	5.0
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	22	2	5	7	4	43	1	25	76	19	32	1
Short	27	13	19	18	44	22	40	32	22	26	38	7
Adequate	51	84	76	69	51	35	59	43	2	54	29	82
Surplus	0	1	0	6	1	0	0	0	0	1	1	10
Subsoil moisture												
Very short	2	0	27	7	3	48	1	0	60	15	17	0
Short	48	23	29	28	39	17	36	22	33	31	33	7
Adequate	50	76	43	65	57	35	63	78	7	53	48	82
Surplus	0	1	1	0	1	0	0	0	0	1	2	11

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, July 24, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	94	55	77	6	0.49	-0.28	10.62	-2.29	194	40
	96	54	78	5	1.04	0.27	12.98	-0.17	197	29
	97	58	79	6	0.84	-0.08	13.26	-0.09	206	42
	99	62	79	6	0.51	-0.33	13.66	0.80	201	19
Britt Humboldt Mason City Northwood	North Central District									
	92	57	77	5	2.22	1.26	18.83	4.33	194	31
	93	61	77	4	1.68	0.75	18.32	3.58	192	24
	94	56	78	6	2.66	1.70	20.34	5.40	201	40
	92	57	77	4	2.42	1.51	20.55	6.50	189	28
Decorah Dubuque Elkader Independence Waterloo	North East District									
	93	56	78	5	2.63	1.73	14.03	-0.63	198	35
	94	59	78	6	0.82	-0.09	9.09	-6.13	197	36
	94	56	76	4	2.68	1.70	13.11	-1.15	187	1
	93	58	78	6	2.31	1.26	17.20	1.82	196	8
	94	57	79	7	1.45	0.36	15.61	-0.05	205	40
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	94	58	78	2	2.50	1.64	16.47	1.50	195	13
	96	64	80	6	0.83	-0.12	11.97	-4.03	210	42
	99	62	80	5	0.80	0.10	16.09	2.12	210	44
	96	57	78	4	1.48	0.71	21.41	6.23	200	25
	100	62	79	5	0.79	-0.02	13.47	-1.37	209	41
	98	63	80	7	1.15	0.20	11.32	-4.68	211	43
	98	60	80	5	1.53	0.76	15.48	0.92	214	30
	93	63	78	4	3.29	2.31	18.01	3.19	195	20
	96	61	80	5	2.07	1.37	13.77	1.48	215	33
	Central District									
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	95	58	80	7	1.00	-0.03	13.34	-2.89	210	42
	97	58	79	5	1.37	0.58	11.66	-4.38	206	36
	98	64	83	6	1.21	0.37	16.76	2.34	229	40
	95	61	79	5	1.45	0.47	16.78	1.06	203	35
	93	59	79	6	0.23	-0.71	13.62	-1.68	205	39
	98	63	80	6	2.05	1.21	17.24	2.27	212	37
	97	61	79	6	1.70	0.91	16.29	1.19	207	37
	94	62	78	5	0.79	-0.19	13.47	-2.14	197	29
	East Central District									
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	93	57	79	6	0.37	-0.54	11.75	-2.93	208	35
	95	54	79	4	0.42	-0.42	4.80	-9.49	208	26
	98	58	83	7	0.09	-1.03	8.39	-7.72	232	43
	95	59	80	6	0.31	-0.67	8.35	-7.81	208	40
	96	57	78	5	0.23	-0.54	5.79	-8.66	194	31
	96	62	80	5	0.79	-0.19	9.55	-5.72	214	53
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	93	60	79	3	3.94	2.82	20.14	3.67	205	23
	102	63	82	6	0.81	-0.03	15.04	-0.34	228	43
	96	63	80	6	1.36	0.52	15.05	0.23	212	39
	97	63	82	5	1.03	0.08	13.39	-3.18	223	34
	99	66	82	5	1.59	0.51	15.48	0.15	223	33
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	98	60	79	4	0.60	-0.43	13.53	-1.83	208	61
	96	65	80	5	2.31	1.33	15.69	0.65	212	32
	98	56	80	5	0.86	-0.12	13.84	-2.12	210	29
	96	61	81	6	1.88	1.04	16.94	1.55	216	41
	100	56	80	4	0.99	0.08	10.95	-4.51	209	27
Bloomfield Burlington Ottumwa	South East District									
	100	62	82	6	0.08	-0.97	12.75	-2.64	222	36
	98	60	84	8	0.00	-0.95	8.62	-6.05	236	54
	99	59	82	6	0.19	-0.81	9.91	-4.61	225	36

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.